1. Write a function, using `mapcar` that, given a list of radii, computes a list of cons holding the circumference and area of the circles. Note that the symbol `pi` evaluates to 3.14159...

2. Write a function that converts a list to an array.
3. Consider the following structure

```lisp
(defun right-triangle a b c)
```

a) Change this definition to automatically compute c from a and b. *Hint: set up a default value.*

b) Given your new definition, and using the automatically created functions, write a function to check to see if the right-triangle is isosceles (two sides equal). Be sure the input structure is a right-triangle.

4. Repeat Problem 2, using iteration.